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AOYAMA AKEMASA;
MORIYA TAKESHI;
SATO KENJI;
OKAYA TAKUJI;**Assignee: **KURARAY CO LTD**
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Abstract:

PURPOSE: To provide a coating material having excellent gas-barrier property, improved humidity dependence of the gas-barrier property, and improved drawability, by copolymerizing vinyl acetate, ethylene, and a specific silicon-containing monomer, and saponifying the copolymer.

CONSTITUTION: The objective material is composed of saponified silicon-containing copolymer of ethylene and vinyl acetate, having a saponification degree of the vinyl acetate component of 95%, ethylene-content of 20W60mol% and silicon-content of 0.0005W0.5mol%, and obtained by saponifying the copolymer of (A) vinyl acetate, (B) ethylene and (C) a silicon-containing olefinic unsaturated monomer of formula I, formula II and/or formula III (n is 0 or 1; m is 0W2; R1 is lower alkyl, allyl, etc.; R2 is 1W40C alkoxy; R3 is H or CH3; R4 is H or lower alkyl; R5 is alkylene, etc.; R6 is H, halogen, etc.; R7 is alkoxy, etc.; R8 is H, halogen, lower alkyl, etc.; R9 is lower alkyl).



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Family: [Show 2 known family members](#)Forward
References:

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US5336731	1994-08-09	Ondrus; Daniel J.	Quantum Chemical Corporation	Fractional melt flow rate powders and process for preparation



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	US5075351	1991-12-24	Joslyn; Wallace G.	PCR Group, Inc.	Silane compositions for reinforcement of polyolef
	US4975509	1990-12-04	Joslyn; Wallace G.	PCR Group, Inc.	Silane compositions for reinforcement of polyolef

? Other Abstract
Info:

None



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